INSTRUCTIONS FOR .36 CALIBER PERCUSSION 'SEVEN SEAS' DERRINGER

CAUTION! READ AND UNDERSTAND THIS SAFETY MANUAL COMPLETELY BEFORE ATTEMPTING TO LOAD AND/OR FIRE THIS FIREARM. SHOOTING PERCUSSION FIREARMS REQUIRES BLACK POWDER OR PYRODEX ONLY! NEVER, UNDER ANY CIRCUMSTANCES ATTEMPT TO USE SMOKELESS POWDER, NO MATTER HOW LIGHT THE CHARGE, NOR DUPLEX LOADS OF BLACK POWDER COMBINED WITH SMOKELESS POWDER.

AMMO: Black Powder or Pyrodex, #11 percussion caps, soft lead balls, patching (optional).

SAFETY: A black powder firearm is not as powerful as a modern handgun and is not usually anywhere nearly as reliable unless loaded with extreme care. However, it behaves like a firearm and must be treated with respect and handled safely at all times. Never point it in any direction where you do not intend to shoot. Keep the muzzle away from any part of your body, and in a safe direction, at all times during loading. Only place a cap on the nipple when you are ready to fire. Only leave the hammer down on the nipple without a cap on it. Always make certain there is an adequate backstop to catch any projectile you may fire.

RECOMMENDED POWDER CHARGE: This product is designed to use FFFg black powder as it is more fine and has less fowling than coarser grains of powder. The recommended load for your derringer is 10 grains of FFFg or the Pyrodex equivalent, with a MAXIMUM load of 15 grains of FFFg or the Pyrodex equivalent.

RECOMMENDED PROJECTILE: This product is designed to fire soft lead round balls. A .350 size lead round ball seated with a .30-.39 caliber lubed patch is the recommended size and type of projectile.

RECOMMENDED CAPS: This product is designed to accept both #10 and #11 size percussion caps. DO NOT modify the nipple to accept any other type of priming such as musket cap or 209 primer.

PREPARING YOUR SEVEN SEAS DERRINGER FOR SHOOTING: Please carefully inspect your derringer prior to attempting to load to ensure it is free of any obvious defects. Please check all screws to make sure they are tight and secure. (WARNING: DO NOT OVER-TIGHTEN SCREWS). Clean all oil off of the gun as well to ensure proper ignition when ready to fire. You can do this by wiping the derringer down with a cloth and removing the barrel to clean the interior as well. The barrel unscrews to remove it.

To unscrew the barrel, make sure there is no cap on the gun and that the hammer is in the 'down' position resting on the nipple. With the muzzle pointed away from your body and in a safe direction, hold the gun by the grip with one hand and turn the barrel in a clockwise direction to unscrew. (WARNING: KEEP YOUR HAND ON THE BARREL AWAY FROM THE MUZZLE WHILE UNSCREWING).

Wipe the bore out with a dry patch and remove the oil from the frame touchhole with a q-tip or pipe cleaner as shown.

When finished with the cleaning, screw the barrel back on by turning it in the counter-clockwise direction, again, while keeping the derringer pointed away from you and in a safe direction.

LOADING THE SEVEN SEAS DERRINGER:

Once you have cleaned and inspected your derringer as described in this manual, you may now proceed to load and fire your derringer at your local shooting range. You will need the following items to load and fire your derringer:

- FFFg black powder or Pyrodex.
- Powder measure
- .35 diameter soft lead round balls
- .30-.39 patches, lubed.
- Pistol ramrod.
- #10 or #11 percussion caps.
- Safety glasses.
- Hearing protection.

Before loading, make sure you are wearing proper eye and ear protection. Loading steps are as follows:

1. Make sure the hammer is in the 'down' position, resting on the nipple with no cap on the derringer.

2. Take a pre-measured container of 10 grains of FFFg black powder and carefully pour it down the barrel, making sure to not spill any of the grains. Keep the muzzle pointed away from you and in a safe direction while performing this task.

3. Take a .30-.39 size lubed patch and place it over the muzzle as shown, then seat a .35 size round ball onto the patch, again as shown. Keep the muzzle pointed away from you and in a safe direction while performing this task.

4. Take your ramrod as shown and tamp the ball and patch down the barrel to seat it directly on top of the powder. Take care to fully ram the ball and patch down the barrel, but do not pound the ball down with excessive force. Be sure to hold the ramrod as shown, and DO NOT place your palm over the back end of the ramrod. Keep the muzzle pointed away from you and in a safe direction while performing this task.

5. Your derringer is now loaded and is ready to be capped and fired. Carefully pull the hammer back to the full cock position. The

derringer does not have a half-cock position, so the hammer will always only be in the down or “rest” position, or in the full-cock position.

6. Take a #10 or #11 percussion cap and place it on the nipple, pushing slightly to seat it correctly on the nipple.

YOUR DERRINGER IS NOW LOADED AND READY TO FIRE.

To discharge or fire your derringer, point it at your target, away from you and in a safe direction, and pull the trigger to release the hammer onto the nipple.

After the derringer fires, wait at least three (3) minutes before reloading the derringer to ensure there are no burning embers in the barrel. It is also recommended that you clean the barrel after each shot with a dry patch between shots as well to reduce fouling. To reload, please follow the steps listed above in the exact same manner.

WHAT IF THE DERRINGER DOES NOT FIRE?

As is the case with all percussion firearms, there is a possibility that the derringer will not fire after it has been properly loaded and capped. If this happens, **CONTINUE TO POINT THE GUN IN A SAFE DIRECTION FOR AT LEAST 3 MINUTES.** After 3 minutes, place it on the shooting bench, away from all supplies, powder, oils, etc., downrange in a safe direction for AT LEAST ANOTHER 5 MINUTES.

After this time has elapsed, pick the derringer back up to inspect it to determine the cause of it not firing.

REASONS FOR NON-FIRING:

1. CAP DID NOT DISCHARGE: It is possible that the cap did not discharge, which results in no fire being directed to the powder to make the derringer go off. You can determine if the cap went off two ways. First, if the cap goes off, you should be able to hear it as it sounds like a cap on a cap gun. Second, you can visually inspect the nipple WITH THE HAMMER DOWN, to see if the cap is fouled or ruptured. If you did not hear the cap go off and it appears to be intact, point the derringer downrange, away from you and in a safe direction, re-cock the hammer and pull the trigger again. If the derringer does not fire, CONTINUE TO POINT THE GUN IN A SAFE DIRECTION FOR AT LEAST 3 MINUTES. After 3 minutes, place it on the shooting bench, away from all supplies, powders, oils, etc., downrange in a safe direction for AT LEAST ANOTHER 5 MINUTES. After this time, carefully pick the derringer back up, pull the hammer back to the full cock position, remove the unfired cap, place a new cap on the derringer, point the gun downrange in a safe direction away from you and pull the trigger again.

2. CAP DID DISCHARGE: In the case where it is clear the cap discharged, but the derringer did not, CONTINUE TO POINT THE GUN IN A SAFE DIRECTION FOR AT LEAST 3 MINUTES. After 3 minutes, place it on the shooting bench, away from all supplied, powders, oils, etc., downrange in a safe direction FOR AT LEAST ANOTHER 5 MINUTES. After this time, carefully pick the derringer back up, pull the hammer back to the full cock position, remove the fired cap, place a new cap on the derringer, point the gun downrange in a safe direction away from you and pull the trigger again.

3. If after 3 attempts to fire the derringer by performing these tasks, it does not discharge, there may be a problem with your powder or your nipple, which must be cleared. Before doing this, you must safely unload your firearm in the following manner:

A. Making sure the hammer is in the down or ‘rest’ position, with the gun pointed away from you and in a safe direction, unscrew the barrel by turning it in a clockwise motion, to remove it.

B. Once you have removed the barrel, make sure the powder falls out of the back of the barrel and in a safe location. To remove the lead round ball take your ramrod, place it down the muzzle of the barrel and ram the round ball and patch completely out of the barrel. Your derringer is now unloaded and in a safe position.

C. Before re-attaching your barrel, take a nipple pick or pipe cleaner and stick it down both the nipple and the exit hole in the frame to ensure there is no obstruction. Then, re-attach the barrel by holding the frame in one hand, pointing the frame and barrel in a safe direction away from you, keeping your hand away from the muzzle, and turning it counter-clockwise onto the frame.

CLEANING YOUR SEVEN SEAS DERRINGER AFTER USE

Black powder leaves highly corrosive compounds in the bore, chambers, nipples, and chamber. The sulfides in black powder fouling combine with salts to attract water out of the air. This causes rapid and deep corrosion if the derringer is not cleaned within several hours of shooting.

To clean your derringer, first, make sure that it is not loaded, there is no cap on the nipple, and that the hammer is in the down or 'rest position. Unscrew the barrel by holding the gun with one hand, pointing the derringer away from you and in a safe direction, and turning the barrel in a clockwise direction.

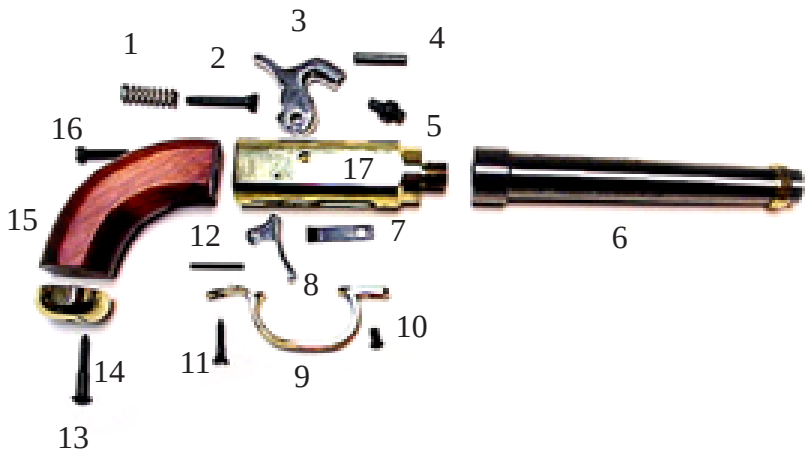
Once the barrel is removed, you will need hot water (tap hot water is the perfect temperature), laundry or dishwashing detergent, dry rags, dry cleaning patches, a hard-bristle toothbrush, pipe cleaners and a light spray oil.

Filling a bucket with hot tap water and 2 tablespoons of detergent, clean the removed barrel by plunging it in the hot, soapy water, pushing cleaning patches through the barrel with a cleaning rod. After cleaning the barrel, wipe it dry with a dry, soft cloth and dry the bore by running dry cleaning patches through the barrel. Take another dry cloth, lightly spray oil such as WD-40 on the cloth, then wipe down the barrel. Take a dry cleaning patch, put a small amount of spray oil on it and run this down the barrel as well. This will keep your barrel from being prone to rusting.

Take the toothbrush, plunge it in the bucket of hot soapy water and scrub both the barrel grooves, chamber, nipple and hammer to remove black powder fouling. Then, wipe the frame with a dry cloth to remove the water. Take a dry pipe cleaner and use it to remove the moisture from both inside the nipple and in the chamber as well. Take a dry cloth, lightly spray oil on it and wipe down the frame, take a dry pipe cleaner, lightly spray oil on it and place the pipe cleaner in the nipple and chamber, then use a dry pipe cleaner to remove the oil in the same manner.

Then, screw the barrel back onto the frame by holding the frame and the barrel in a safe direction, pointed away from you, and turning the barrel in a counter-clockwise direction.

IF AFTER READING THIS MANUAL YOU DO NOT FULLY UNDERSTAND HOW TO LOAD, UNLOAD, FIRE, CLEAN AND CARE FOR YOUR DERRINGER, PLEASE CONTACT REPLICA ARMS AT 304-262-1651



1. Mainspring
2. Mainspring retianer screw
3. Hammer
4. Hammer pin
5. Nipple
6. Barrel
7. Trigger spring
8. Trigger
9. Trigger guard
10. Trigger guard/trigger spring screw
11. Rear trigger guard screw
12. Trigger pin
13. Grip cap screw
14. Grip cap
15. Grip
16. Grip screw
17. Frame